

# Comparisons of Job Characteristics

**Focus Occupation:** [Inspectors, Testers, Sorters, Samplers, and Weighers \(51-9061\)](#)

**Associated Occupation:** [Construction and Building Inspectors \(47-4011\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 22

**Focus Occupation:** Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061)

**Associated Occupation:** Construction and Building Inspectors (47-4011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Building and Construction	4.0	21.4	1.7	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	15.3	4.2	<<	Extensive education and/or training may be required
Design	5.2	14.0	4.3	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	13.6	5.2	<<	Extensive education and/or training may be required
Mathematics	9.2	13.4	8.0	<<	Extensive education and/or training may be required
Mechanical	6.8	11.8	5.4	<<	Extensive education and/or training may be required
Physics	4.3	10.1	2.9	<<	Extensive education and/or training may be required
Law and Government	5.9	9.6	2.2	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 88

**Focus Occupation:** Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061)

**Associated Occupation:** Construction and Building Inspectors (47-4011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Complex Problem Solving	9.1	10.7	7.4	<<	Extensive development of skills in this area may be required
Quality Control Analysis	5.9	9.0	7.9	<	A higher skill level may be required

Systems Evaluation	6.4	8.3	4.2	<<	Extensive development of skills in this area may be required
Mathematics	6.2	8.1	5.1	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 90			
Focus Occupation: Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061) Associated Occupation: Construction and Building Inspectors (47-4011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	13.6	11.9	<	Some improvement in abilities may be required
Oral Comprehension	12.5	13.5	12.2	<	Some improvement in abilities may be required
Written Comprehension	11.0	12.5	10.1	<	Some improvement in abilities may be required
Problem Sensitivity	11.1	11.9	9.2	<<	Extensive improvement in abilities may be required
Near Vision	11.1	11.5	10.5	0	Current ability level may be sufficient
Deductive Reasoning	10.6	11.2	9.4	<	Some improvement in abilities may be required
Written Expression	9.8	11.2	8.1	<<	Extensive improvement in abilities may be required
Inductive Reasoning	10.2	11.1	9.0	<	Some improvement in abilities may be required
Far Vision	7.8	9.7	7.1	<<	Extensive improvement in abilities may be required
Visualization	7.5	9.3	7.0	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 81
Focus Occupation: Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061) Associated Occupation: Construction and Building Inspectors (47-4011)		
Work Activities	Exclusivity of Activity	
Compare findings with specifications to ensure conformance to standards	99	
Compute product or materials test results	87	
Direct and coordinate activities of workers or staff	3	
Maintain inspection tools or equipment	95	
Maintain records, reports, or files	5	

Perform safety inspections in industrial, manufacturing or repair setting	32
Prepare reports	8
Prepare safety reports	60
Prepare technical reports or related documentation	22
Read blueprints	10
Read specifications	23
Record test results, test procedures, or inspection data	48
Use knowledge of investigation techniques	16
Use oral or written communication techniques	1

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 71

**Focus Occupation: Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061)**  
**Associated Occupation: Construction and Building Inspectors (47-4011)**

Tools and Technologies	Exclusivity
Business function specific software	1
Computer printers	2
Computers	1
Content authoring and editing software	1
Electrical measuring and testing equipment	7
Electrochemical measuring instruments and accessories	9
Electronic and communication measuring and testing instruments	14
Fluid mechanics equipment	11
Humidity and moisture measuring instruments	15
Indicating and recording instruments	2
Industry specific software	1
Length and thickness and distance measuring instruments	2
Light and wave generating and measuring equipment	4
Metals and metallurgy and structural materials testing instruments	15
Pressure measuring and control instruments	10
Spectroscopic equipment	10
Temperature and heat measuring instruments	6
Viewing and observing instruments and accessories	4

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.